

CLAIMS

I claim:

1. A method for processing a document page
5 containing transparent graphics objects for printing,
said method comprising:
 creating a transparency list containing the
transparent graphics objects of said document page;
and
10 converting only objects contained in said
transparency list into bitmaps for printing.
2. The method of Claim 1, further comprising:
 generating a bitmap frame for at least one
15 object in said transparency list wherein an area of
said bitmap frame is less than an area of the entire
document page.
3. The method of Claim 1, further comprising:
20 processing portions of the document page that
do not include objects in said transparency list as
non-bitmapped data.
4. The method of Claim 1, further comprising:
25 examining a non-transparent object of said
document page for overlap with at least one
transparent graphics object contained in said
transparency list; and
 inserting said non-transparent object into said
30 transparency list upon said non-transparent object
overlapping with at least one transparent graphics
object contained in said transparency list.
5. The method of Claim 1, further comprising:
35 generating a frame for each overlapping
compound object in said transparency list, an
overlapping compound object being formed by a
transparent graphics object and non-transparent

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5 inserting said non-transparent object into said
transparency list upon said non-transparent object
overlapping with at least one transparent graphics
object contained in said transparency list.

15 generating a frame for each overlapping
compound object in said transparency list, an
overlapping compound object being formed by a
transparent graphics object and non-transparent
objects overlapping said transparent graphics
object, said frame defining the area to be printed
as a bitmap for printing the overlapping compound
object.

generating said frame for each overlapping compound object as a composition of subframes.

30 creating a transparency list containing the
transparent graphics objects of said document page;
and

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14. The computer-program product of Claim 13,
wherein said method further comprises:

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generating said frame for each overlapping compound object as a composition of subframes.